

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: **MARK JUSTIN BETTS, et al**  
For: **PROCESS FOR PRODUCING OXYGENATED PRODUCTS**

**Commissioner for Patents**  
**P. O. Box 1450**  
**Alexandria, VA 22313-1450**

**INFORMATION DISCLOSURE STATEMENT**

We draw the attention of the Examiner to the references listed on the attached Form PTO-1449. Copies of the references are not required, because they were already filed in a U.S. application from which an earlier filing date is claimed in this application.

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Cited reference EP 0163234 is represented by U.S. 4,578,523.

Respectfully submitted,

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LADAS & PARRY  
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE  
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(Use several sheets if necessary)

ATTY. DOCKET NO.

U 014848-4

SERIAL NO.

APPLICANT

Mark Justin BETTS, et al.

FILING DATE

GROUP

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3	2	3	9	5	6	6		3/1966	Slaugh et al.	260	604	
	AB	3	2	3	9	5	6	9		3/1966	Slaugh et al.	260	632	
	AC	3	2	3	9	5	7	0		3/1966	Slaugh et al.	260	632	
	AD	3	2	3	9	5	7	1		3/1966	Slaugh et al.	260	632	
	AE	3	3	6	9	0	5	0		2/1968	Greene	260	632	
	AF	3	4	2	0	8	9	8		1/1969	Van Winkle et al.	260	632	
	AG	3	4	4	0	2	9	1		4/1969	Van Winkle et al.	260	632	
	AH	3	4	4	8	1	5	7		6/1969	Slaugh et al.	260	604	
	AI	3	4	4	8	1	5	8		6/1969	Slaugh et al.	260	604	
	AJ	3	5	2	7	8	0	9		9/1970	Pruett et al.	260	604	
	AK	3	5	2	7	8	1	8		9/1970	Mason et al.	260	632	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL	1	2	5	4	0	6	3		11/1971	GB			x
	AM	1	3	3	8	2	3	7		11/1973	GB			x
	AN	1	5	4	0	2	2	7		2/1979	GB			x
	AO	1	5	5	5	5	5	1		11/1979	GB			x
	AP	1	5	6	1	2	7	3		2/1980	GB			x

## OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

	AR	Dry, M. E. "The Fischer-Tropsch Synthesis." <i>Catalysis Science &amp; Technology</i> , Vol. 1 (1979) pp 159-255.
	AS	"301 E Modified OECD Screening Test." <i>OECD Council Directive, Guidelines for Testing of Chemicals, Test 301E</i>
	AT	Gerhartz, W. Et al. "Chlorophenols to Copper Compounds." <i>Ullmann's Encyclopedia of Industrial Chemistry</i> , Vol. A7, (1986) pp 206-216.
EXAMINER	DATE CONSIDERED	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

( Form PTO-1449 ) [6-4] )

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	AA	3	7	3	7	4	7	5	6/1973	Mason	260	683.15	
	AB	3	8	7	5	2	0	4	4/1975	Ghirma et al.	260	465.3	
	AC	4	1	7	9	4	0	3	12/1979	Kim et al.	252	431	
	AD	4	1	9	8	3	5	2	4/1980	Kim et al.	260	604	
	AE	4	3	3	0	6	7	8	5/1982	Van Leeuwen et al.	568	454	
	AF	4	4	0	8	0	7	8	10/1983	Van Leeuwen et al.	568	454	
	AG	4	4	1	4	4	2	1	11/1983	Drent	568	462	
	AH	4	4	6	7	1	1	6	8/1984	Van Leeuwen et al.	568	454	
	AI	4	5	3	7	9	9	7	8/1985	Kojima et al.	568	454	
	AJ	4	5	9	0	3	1	1	5/1986	Drent	568	852	
	AK	4	6	8	0	1	6	8	7/1987	Goodall et al.	423	22	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL	2	0	7	5	8	5	7	11/1981	GB			x
	AM	2	2	1	7	3	1	8	10/1989	GB			x
	AN	2	2	5	6	6	4	1	12/1992	GB			x
	AO	2	2	6	1	6	6	2	5/1993	GB			x
	AP	2	2	7	4	4	5	7	7/1994	GB			x

## OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

	AR	Mark, H. F. Et al. "Oxo Process." Kirk-Othmer Encyclopedia of Chemical Technology, Third Edition, Vol. 16 (1989) pp 637-653.
	AS	Cornils, B. Et al. "Oxo with Rhodium Catalysts." Hydrocarbon Processing (June 1975) pp 83-91
	AT	Lemke, H. "Select Best Oxo Catalyst Cycle." Hydrocarbon Processing, Vol. 45, No. 2 (February 1966) pp148-152

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	AA	4	7	2	3	0	4	7	2/1988	Bahrmann este al.	568	862	
	AB	4	7	3	1	4	8	7	3/1988	Drent	568	454	
	AC	4	8	0	6	6	9	3	2/1989	Drent	568	417	
	AD	4	8	5	1	5	8	2	7/1989	Drent	568	387	
	AE	5	1	8	9	0	0	3	2/1993	Klusener et al.	502	167	
	AF	5	2	1	0	2	8	0	5/1993	Drent	560	204	
	AG	5	2	1	4	2	2	0	5/1993	Drent	568	881	
	AH	5	2	5	6	8	2	7	10/1993	Slaugh et al.	568	454	
	AI	5	2	5	8	5	4	6	11/1993	Klusener et al.	560	207	
	AJ	5	2	5	8	5	2	4	11/1993	Quan et al.	548	335.1	
	AK	5	3	0	4	6	8	6	4/1994	Slaugh et al.	568	496	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL	0	0	0	5	5	6	9	11/1979	EP			x
	AM	0	0	2	4	7	6	1	3/1981	EP			x
	AN	0	0	3	3	5	5	4	8/1981	EP			x
	AO	9	3	9	2	9	2		12/1993	ZA			x
	AP	0	1	6	3	2	3	4	5/1985	EP			x

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AA	5	3	0	4	6	9	1		4/1994	Arhancet et al.	568	867	
AB	4	4	4	3	6	3	8		4/1984	Yates	568	882	
AC	4	5	7	7	9	8	6		4/1996	Sie	585	324	
AD	4	5	7	8	5	2	3		3/1986	Bahmann et al	568	454	
AE	5	0	7	2	0	5	7		10/1991	Oswald et al	568	840	
AF	5	2	2	7	5	3	2		7/1993	Sato et al	568	454	
AG	5	4	9	8	8	0	1		3/1996	Chaudhari et al	568	454	
AH													
AI													
AJ													
AK													

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AM	0	4	2	3	8	7	4		4/1991	EP			x
AN	0	4	7	8	8	5	0		4/1992	EP			x
AO	0	4	9	5	5	4	8		7/1992	EP			x
AP	0	4	9	9	3	2	8		8/1992	EP			x

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	AM	2	1	1	1	0	2	6	6/1994	CA			
	AN												
	AO												
	AP												

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